



CorePro - LED HID SON-T

TForce Core LED road 45W 730 E40 MV

The Philips CorePro LED HID SON-T lamps offer you an easy, short-payback LED solution to replace High Intensity Discharge (HID) lamps. This new generation of products brings all the energy-efficiency and long-lifetime benefits of LED to HID replacement, while providing instant saving with a low initial investment. Furthermore, they're designed to have the same lamp size and light distribution as other HID lamps, so you will never know the difference. All thanks to our HighPower LED filament technology. Plus, its unique IP65 design means it can be used for outdoor applications

Warnings and Safety

- Please refer to the installation guide or consult a Philips Lighting representative for the wiring diagram and instructions.

Product data

General Information		Color Consistency	
Cap-Base	E40	Color Consistency	<6
Nominal lifetime	25,000 hour(s)	Color rendering index (CRI)	70
Switching Cycle	50,000	LLMF At End Of Nominal Lifetime (Nom)	70 %
Lighting Technology	LED	Photobiological safety according to EN 62471	RG1
Flux measurement reference	Sphere	Operating and Electrical	
Light Technical		Input Frequency	50 to 60 Hz
Color Code	730 [CCT of 3000K]	Power Consumption	45 W
Beam Angle (Nom)	300 degree(s)	Lamp Current (Nom)	198 mA
Luminous Flux	8,800 lm	Starting Time (Nom)	0.5 s
Color Designation	White (WH)	Warm-up time to 60% light	0.5 s
Correlated Color Temperature (Nom)	3000 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	195 lm/W	Voltage (Nom)	220-240 V
		Ballast Compatibility	Mains

CorePro - LED HID SON-T

Inrush current at mains	52.5
Max. lamp no. on MCB B type 10A - Mains	7
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	NA
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	NA
Max. lamp no. on MCB B type 16A - Mains	11
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	NA
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	NA

Temperature

T-Case Maximum (Nom)	41 °C
----------------------	-------

Controls and Dimming

Dimmable	No
----------	----

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T52
Net Weight (Piece)	0.175 kg

Approval and Application

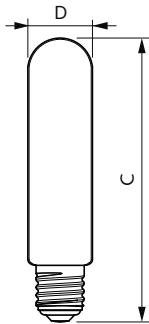
Energy Efficiency Class	B
-------------------------	---

Energy Consumption kWh/1000 h	45 kWh
EPREL Registration Number	1825284
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	2
Ambient temperature range	-30 to +45 °C

Product Data

Order product name	TForce Core LED road 45W 730 E40 MV
Full product name	TForce Core LED road 45W 730 E40 MV
Full product code	872016929747000
Order code	929003778802
Material Nr. (12NC)	929003778802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169297470
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169297487

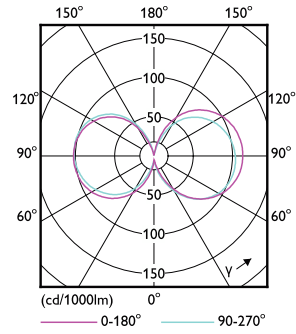
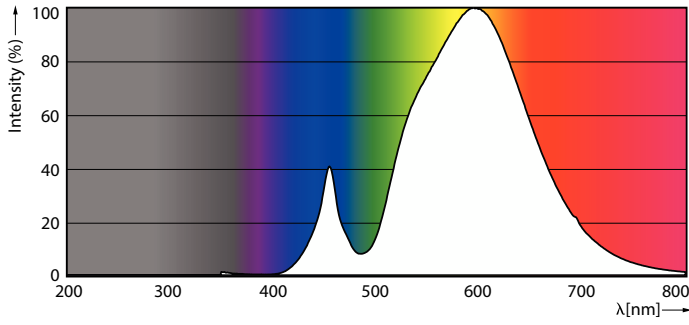
Dimensional drawing



Product	D	C
TForce Core LED road 45W 730 E40 MV	53.5 mm	232 mm

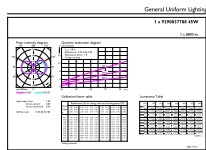
CorePro - LED HID SON-T

Photometric data



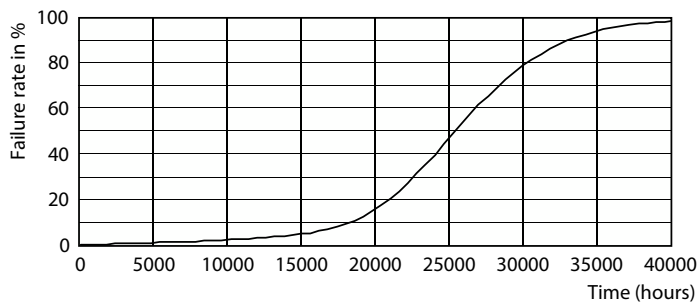
Spectral Power Distribution Colour - TForce Core LED road 45W 730 E40 MV

Light Distribution Diagram - TForce Core LED road 45W 730 E40 MV

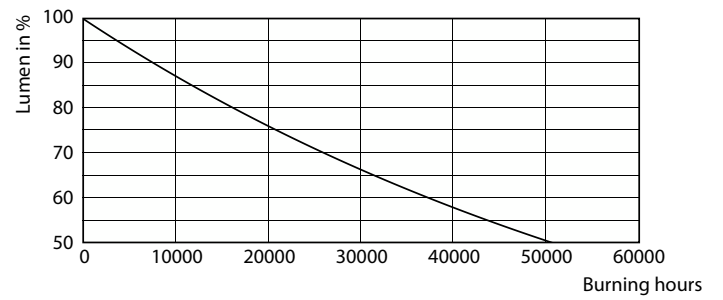


General uniform lighting - TForce Core LED road 45W 730 E40 MV

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core LED road 45W 730 E40 MV

